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6 **U.S. Committee on the Marine Transportation**  
7 **System Coordinating Board**  
8 **2014 Resolution on the adoption of the S-100 Marine Data**  
9 **Framework, as amended.**

10 Whereas the U.S. vision for the Future of Navigation (e-Navigation<sup>1</sup>) is to build upon a  
11 framework that enables the transfer of data between and among ships and shore  
12 facilities, and that integrates and transforms that data into decision and action  
13 information;

14 Whereas the use of standards is a recognized method of facilitating such data transfers  
15 and harmonization;

16 Whereas the International Hydrographic Organization's S-100 Universal Hydrographic  
17 Data Model is a stable framework for maritime data and product specifications  
18 that can support the wide variety of navigation-related digital data sources,  
19 products and customers;

20 Whereas S-100 **maintains** alignment with the broadly accepted International Standards  
21 Organization geospatial standards and has been adopted by the International  
22 Maritime Organization, International Hydrographic Organization and the  
23 International Association of Marine Aids to Navigation and Lighthouse Authorities  
24 as the preferred global standard for marine data and navigation products;  
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26 Whereas adoption of S-100 aligns U.S. Future of Navigation initiatives with the  
27 international community; and  
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29 Whereas S-100 provides the lexicon for converting data into meaningful marine safety  
30 information for MTS stakeholders;

31 Therefore, the CMTS Coordinating Board resolves that the IHO's S-100 Universal  
32 Hydrographic Data Model **continue to be used** by CMTS-member agencies as  
33 the preferred framework for marine data and product specification, provided such  
34 adoption does not supersede or conflict with existing agency data standards  
35 requirements. **Agencies are committed to identify specific S-100 product**  
36 **specifications that are within their mandate, and to coordinate interagency**  
37 **efforts in the development of these product specifications.**  
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40 <sup>1</sup>  
41 U.S. Navigation Information Strategic Action Plan: 2021-2026;  
42 [https://www.cmts.gov/downloads/CMTS\\_USNavigation2021\\_SAP\\_FINAL.pdf](https://www.cmts.gov/downloads/CMTS_USNavigation2021_SAP_FINAL.pdf); March  
43 2021.